the Defender™
CHILDREN'S HEALTH DEFENSE NEWS & VIEWS

BUY NOW: Ed Dowd's Must-Read Book — "Cause Unknown"

01/10/23 • BIG PHARMA › NEWS

Childhood Obesity: Drugs and Surgery Top List of American Academy of Pediatrics New Guidelines

The American Academy of Pediatrics' new clinical guidelines for treating childhood obesity recommend weight-loss drugs and surgery, prompting some to ask why the academy is focused on profit-generating treatments rather than addressing the root causes.

By The Defender Staff

35

Miss a day, miss a lot. *Subscribe to The Defender's Top News of the Day.* ***It's free.***

The American Academy of Pediatrics (AAP) on Monday issued new clinical guidelines for treating childhood obesity, recommending physicians offer weight-loss drugs and surgery to obese children.

The guidelines, amended for the first time in 15 years, highlight the "complex genetic, physiologic, socioeconomic, and environmental contributors" to obesity — but the recommendations focus on treatment rather than prevention and don't address potential adverse effects of medications and surgeries.

"While we applaud the AAP for addressing the grave issue of childhood obesity, their newest recommendations are misguided and negate the root causes," Dr. Michelle Perro told The Defender.

For many years, the AAP unsuccessfully promoted the "diet and exercise" mantra while obesity rates continued to soar, Perro said.

Perro, a pediatrician, executive director of GMO Science and author of "What's Making Our Children Sick?: How Industrial Food Is Causing an Epidemic of Chronic Illness, and What Parents (and Doctors) Can Do About It," added:

> "What has not been addressed are the obesogens in American children's meals, substances that produce obesity, lurking in their food at home as well as school, caused mostly by pesticides and plastics. The cause of the metabolic disorder of obesity is that it is an environmental disease.
>
> "Unless we remove the pesticides and other toxicants, the promotion of drugs and surgery are panaceas, bandaids, and foster the 'pill for ill' model, rather than root-cause real solutions."

Mary Lou Singleton, midwife and family nurse practitioner, told The Defender the new AAP guidelines "offered no meaningful analysis or explanation of what is driving the childhood obesity epidemic."

BUY NOW: Ed Dowd's Must-Read Book — "Cause Unknown"

Singleton added:

> "I found no mention of the massive changes in the U.S. food supply that correlate with the skyrocketing rates of obesity among children and adults alike …
>
> "The document fails to address the school lunch program, which is providing a significant amount of the calories U.S. schoolchildren are eating weekly. Most schoolchildren in the U.S. are fed plastic-wrapped, chemically-preserved, pesticide-laden food made in factories months or years earlier. In addition to the sugar, the chemicals in these foods have endocrine-disrupting obesogenic properties."

The new AAP guidelines recommend against a "watchful waiting" approach that may delay treatment, instead directing pediatricians and other providers to treat obesity early — referring children ages 6 years and older and potentially those ages 2 to 5 years who are overweight or obese for intensive health behavior and lifestyle treatment.

The guidelines also recommend that obese children 12 and older be offered weight-loss medications alongside health behavior and lifestyle treatments and that doctors refer severely obese children 13 and older to surgeons to evaluate whether they would be good candidates for metabolic and bariatric surgery.

They also state that pediatricians may consider weight-loss medications for children as young as 8 to 11 years old.

Overweight and obese children and adolescents should also be evaluated for related comorbidities, the guidelines also state.

Devastating side effects for kids, big profits for Big Pharma

The guidelines offer consensus recommendations on the use of pharmacotherapy for children ages 8 and up, and provide a list of potential medications.

As of March 2021, the only U.S. Food and Drug Administration-approved pharmacotherapies for obesity were orlistat and liraglutide in children 12 and older and phentermine in teens 16 and older, according to an AAP study.

GlaxoSmithKline's orlistat, which blocks fat absorption, has shown "modest results" for weight loss in teens, but may cause intolerable gastrointestinal side effects and possible fat-soluble vitamin deficiency.

Phentermine is approved only for short-term therapy and may increase heart rate and blood pressure and cause irritability and insomnia. Long-term studies of their use in children are not available.

The AAP guidelines also recommend metformin, a diabetes drug approved for children ages 10 and up, which hasn't been approved as a weight-loss drug, though it has been used off-label for that purpose in children.

Studies of metformin's effect on weight loss in children have shown mixed results. Side effects include lactic acidosis, a metabolic condition that can be life-threatening. Up to 50% of patients who take metformin experience diarrhea.

One of the more recently approved drugs on the list being promoted for adolescents is an expensive, well-marketed, once-weekly injectable — semaglutide — sold under the brand name Wegovy and manufactured by Novo Nordisk.

A recent study published in the New England Journal of Medicine found Wegovy helped teens reduce their body mass index (BMI) — the measure used by doctors to detect excess fat — but it also reported a significant rate of gastrointestinal adverse events.

The study was funded by Novo Nordisk.

"Based on the study's own findings, this drug should never be recommended for children despite the reduction in BMI," Perro told The Defender, "because the risk outweighs the benefit."

Perro said the study's findings "ignore the adverse events … which seems to be a popular trend in the promotion of new drug therapies in children."

This class of recommended drugs, known as glucagon-like peptide-1 receptor agonists — which include exenatide, dulaglutide, and semaglutide — have been found to cause thyroid cancer in mice. The drugs also have been linked to pancreatitis and even pancreatic cancer in adults.

Glucagon-like peptide-1 receptor agonists drugs are injectable medications administered weekly, so if a child is having a severe reaction the drug cannot be removed from their system, Singleton noted.

As The Defender reported in August 2022, as obesity rates rise — in children and adults — Big Pharma can expect windfall profits.

According to Fierce Pharma, analysts at Morgan Stanley Research told clients, "Drugmakers like Eli Lilly and Novo Nordisk are poised to unlock a global obesity market that could be worth more than $50 billion by the end of the decade."

Wegovy helped fuel the forecasts.

It is not just high drug prices that make obesity a hot market. Since obesity in 2013 was officially classified as a chronic disease, it is now "on the cusp of moving into mainstream primary care management," said Morgan Stanley — because it can be treated directly instead of treating its consequences, such as diabetes and cardiovascular disease.

"Therefore we expect excess weight and fat loss to become treatment targets for obesity and for treatment guidelines to adopt obesity as a primary target ahead of other associated diseases," wrote Morgan Stanley analysts, who predicted a $54 billion market within seven-and-a-half years.

Surgical treatments for kids, 'safe and effective?'

Commenting on the AAP surgical recommendations, Singleton told The Defender, "I was shocked to see the AAP state 'weight loss surgery is safe and effective for pediatric patients.'"

"While children are less likely to experience serious surgical complications than adults, the mortality rate for children undergoing weight loss-surgery is 1 in 500. Most parents would not consider this an insignificant risk," she added.

According to a major study of pediatric weight loss surgery, the Teen-LABS study, 9.3% of children experienced complications severe enough to require a second surgery and 7.1% had life-threatening complications.

The two approved methods of weight loss surgery for children — sleeve gastrectomy or gastric bypass — entail removing or rendering permanently dysfunctional a large percentage of the stomach.

"These body parts are not redundant," Singleton said. "They serve important purposes in the digestive process. 'Bypassing' them means children will permanently be left without the use of these organs. They can never be reintegrated into the digestive system."

Possible long-term risks of such surgeries also include an increased risk of vitamin B12 deficiency, which can lead to pernicious anemia and increased risk of osteoporosis.

Singleton said:

> "The AAP is recommending these surgeries for children too young to understand the long-term risks. While removing the majority of the stomach will lead to drastic initial weight loss in nearly all patients, we know that 25 to 50% of adults who undergo weight loss surgery eventually regain all or most of this weight.
>
> "Treating obesity in a patient who has already lost the function of most of their stomach may be the next brave new frontier in the profitable field of weight loss medicine."

Obesity in U.S. children increasing at an alarming rate

Obesity is one of the most common pediatric chronic diseases in the U.S. According to the Centers for Disease Control and Prevention (CDC), 1 in 5 U.S. children and teens are considered obese.

Childhood obesity rates are even higher among poorer children.

Obese children are at greater risk of developing related functional, metabolic and psychological conditions, experiencing pervasive weight bias and stigma and having greater healthcare costs.

Childhood obesity also is strongly correlated with the risk of adult obesity and poor health, with considerable social and economic consequences.

The proportion of U.S. children who are overweight or obese surged to unprecedented levels during the pandemic, according to CDC data.

The BMI rate roughly doubled during the pandemic, with the greatest increases seen in children ages 6-11. The proportion of U.S. children who are obese was rising by 0.07% a month before the pandemic but by 0.37% a month — five times faster than before the pandemic.

Public health experts cited economic hardship, school closings, shutdowns, limited physical activities and increased food insecurity for many families caused by COVID-19 mitigation measures as reasons for the surge.

Subscribe to The Defender - It's Free!
First Name.. Last Name.. Email.. SIGN UP

SUGGEST A CORRECTION

The Defender Staff
The Defender is the news and views website for Children's Health Defense. Our mission is to end corruption to save democracy. Our content exposes the corporations, elected officials, government agencies and individuals who put profits before people and planet.

Sign up for free news and updates from Robert F. Kennedy, Jr. and the Children's Health Defense. CHD is planning many strategies, including legal, in an effort to defend the health of our children and obtain justice for those already injured. Your support is essential to CHD's successful mission.

Republishing Guidelines

Children's Health Defense Comment Policy
We welcome relevant and respectful comments. Off-topic comments may be removed.
Please read our Comment Policy before commenting.
Got it

35 Comments Login ▾

G Join the discussion…

LOG IN WITH OR SIGN UP WITH DISQUS ?

Name

Share Best Newest Oldest

Caroline Cary Davidson
4 days ago
drugs and surgery?!! are they serious? I have to assume that these AAP folks are close to my age and were school kids in the 70's. back then, there might have been two 'chubby' kids in a class (or age cohort) of 50 - 60 students. now 'chubby' is the norm and I see middle schoolers so obese they can barely walk the length of the parking lot! plus-size toddler clothes are a thing! any thinking adult (let alone trained medical professional!) has to ask themselves: what changed? uh, FOOD, duh!
it makes me so sad to see an obese child - its not their fault, its the PARENTS'. yet we're not supposed to address it lest we be accused of 'shaming'. well tough sh** if I mentally judge someone who has to open the giant bag of Cheetos before paying for it and their 4 yr old has their entire arm down into that bag, while sitting in the grocery cart (that's full of empty calorie crap, devoid of nutrition).
of course I recognize that humans come in all shapes and sizes and skinny doesn't equal healthy but a 300 lb 15 yr old cannot be healthy. a 6 yr old who 'waddles' instead of walking is not 'okay'.
parenting is the world's most important job. our f-ed up modern world doesn't make it easy but who promised you easy? your kids are worth your effort.
13 0 • Reply • Share ›

tag → Caroline Cary Davidson
4 days ago
I see every time I visit that no real food supermarket the carts full of canned, boxed and bagged garbage parent buy and think it is food as their toddlers sit in the cart begging at at the candy aisle. To bad none of them learned like I did YEARS ago, shop only the outer aisles. Some of that not to great but your chances of real food greater in the produce, meat, dairy is far better than the aisles of canned, boxed and bagged no nutrition garbage. So now we fix it by drugs and surgeries? Well pharma screws us again...and again...and again... I guess that claim of it takes a village...pharma...to raise a child is the norm now. Not in my common sense world it isn't. Wake up parents or kiss your child goodbye. They are facing a lifetime of poor health. Fix it!
4 0 • Reply • Share ›

Beatrice → tag
3 days ago
It's child abuse in my opinion. I say the same for pets. People decide to have kids or buy designer pets and then they neglect them by letting them become unhealthy. It's abuse!
2 0 • Reply • Share ›

tag → Beatrice
3 days ago
I've been taking care of other peoples pets since 1969. You can't believe what some bring for their diet. Chocolate chip cookie dough, Campbell's chicken and noodle soup, Cherrios..... I see dogs all the time by 7-8 years old look and act like they are 15 or more. Bad skin, bad teeth, overweight, heart, kidney and lung issues. Abuse or stupidity?
2 0 • Reply • Share ›

Beatrice → tag
2 days ago
And add all those unnecessary vaccines and you will accrue lots of frequent visit miles to the vet. Vets are such hypocrites!
2 0 • Reply • Share ›

tag → Beatrice
2 days ago
My vets know not to even ask about vaccines! My holistic, wellness vet when I asked about if any needed vaccines looked at me like I was crazy! You can guess which one I use for everything except a trauma injury.
0 0 • Reply • Share ›

Beatrice → tag
2 days ago
Probably both abuse and stupidity. I've been listening to really old audio books in philosophy from the Master Key Society. One of the authors, I believe it was Neville Goddard, said that stupid people are chronic repeaters with no desire to learn or to change and pose a danger to society. So, with that in mind, I would suggest that stupid people are abusive since they repeatedly cause harm to others.
1 0 • Reply • Share ›

BChristine → Caroline Cary Davidson
4 days ago
Well said!
2 0 • Reply • Share ›

MultiChubby1 → Caroline Cary Davidson
3 days ago
For reasons I won't go into, my 16 year old could not eat anything except corn flakes. So I said OK, Here's the deal: Every bowl of corn flakes has to have 1 cup of organic wheat germ and you have to swallow 11 chlorella tablets. Get creative.
0 0 • Reply • Share ›

Fred Secret
4 days ago
Let's face it - they DON'T WANT the kids to lose weight. Start them off sick and unhealthy and you've got a customer for life. The AAP is bought and paid for by pharma, just like all the other "academies".
12 0 • Reply • Share ›

Jen
4 days ago
Diet and exercise. Very simple! Surgery and medication is not the answer.
9 0 • Reply • Share ›

BChristine → Jen
4 days ago edited
I agree, but unfortunately there is more to it. If by diet you mean eating healthy whole foods, organic, non GMO, etc. that is correct. However the amount of toxic endocrine-disrupting chemicals out there is another factor: BPA, PFAS, Phthalates and others found in plastics, toys, and even food. Also there is glyphosate which messes with the gut - this has been found in nearly ***everything***; and traces of it have even been found in organic food. This all adds to obesity, and especially in children who are in the "formative" years.
5 0 • Reply • Share ›

Jim Powell → BChristine
4 days ago
Exactly. But don't forget the GMOs, the advertising bombardment, the video game hypnosis, the universal scaremongering inducing paranoid lethargy. Conditioning works.
3 0 • Reply • Share ›

John Stanton
4 days ago
Its very easy. Get the processed foods out of the house, cook only quick, nutritious meals, set a good example for your kids, a little exercise, every day. It was hard when we were raising our kids, my youngest refused to eat meals we cooked, a number of times. But , she came around, when my meals were the only thing to eat!
7 0 • Reply • Share ›

tag → John Stanton
4 days ago
Real food. Grow as much as you can. Skip the canned, bagged and boxed garbage at the "grocery store" and learn to cook from scratch. And for God sake, ditch the sugar addiction and enjoy some real fat. Fat doesn't make you fat, sugar does. Just another MSM lie we have been tossed for years.
2 0 • Reply • Share ›

IsisM
4 days ago
I see people--most of them overweight--in the grocery store where I shop whose carts are full of processed microwave foods, junk foods, etc. No fresh meat, produce or dairy. Too many people eat fast food as a regular thing rather than as an occasional meal. So you know that's what they are feeding their children. People make the excuse that healthy food is "too expensive". Some of it is, but not all of it. Or they make the excuse that they don't have time to make healthy meals. Uh, MAKE the time. The great ,majority of overweight issues stem from eating the wrong foods and eating too much, along with too little exercise. And all the exercise in the world isn't going to help if the person is not eating healthy food in reasonable amounts. Exercise is important but maintaining a healthy weight is about 80% diet and 20% exercise. Children aren't taught healthy eating habits. I grew up in the 1960s. Back then an overweight/obese child or teen was the rare exception. Now it is commonplace.
5 0 • Reply • Share ›

Beatrice → IsisM
3 days ago
You're right about children not being taught about healthy eating habits but they are also consuming chemicals that cause endocrine dysfunction that can lead to weight gain. Also, our culture extremely unhealthy and leads to a lot of stress hormones that cause the weight to pile on.
3 0 • Reply • Share ›

tag → IsisM
4 days ago
Eating organic and choosing healthy foods might cost a little more but far cheaper than an office call and medications to fix the mess a poor diet causes. Pay a farmer or pay and MD? I know where i will spend my money!
3 0 • Reply • Share ›

April45
4 days ago
They just can't wait to drug up and cut up the children of America.
4 0 • Reply • Share ›

Lynda S
4 days ago
Today's thought processes of many pediatricians is alarming. One group is advocating gender-changing therapy for preteens and now they are supporting diet pills and gastric surgery. Where are their brains and common sense?? Kids need a healthy diet and physical activity - not video games. I have been a health professional for many years and I am appalled at the current state of affairs and thinking starting with the CDC and continuing with the various medical associations..
4 0 • Reply • Share ›

tag → Lynda S
4 days ago
Thought process got bought out by Pharma and college educated idiot MD's. They get rich and we die by their idiot recommendations. What to live? ditch the crap.
1 0 • Reply • Share ›

kimmie taylor
4 days ago edited
Let's not forget that the majority of foods nowadays are deficient in essential minerals for good health. Any vegetables, fruits, grains that are quickly grown and/or grown in nutrients and mineral deficient soils will not have the nutritional levels of those that are grown in living soil rich with soil microbes and minerals. For example, hydroponic tomatoes and/or lettuces eventhough they are grown "organically" do not have the same levels of nutrients and minerals as those that are grown in real soil and given time to grow and fruits allowed to properly ripen in the sun. That's why most foods nowadays are not as nourishing as those that grandmas and grandpas used to eat. They have the same amount of calories but not the same level of nutrition. Eventhough these kids may eat a lot and be fat, they are still deficient in nutrients and essential minerals.
3 0 • Reply • Share ›

tag → kimmie taylor
4 days ago
That's where regenerative farming comes into focus. Soil does not have to be devoid of nutrients. You just have to know how to replenish the soil. And yes, you are not going to find that in today's so called "farming " practice. You have to seek out people that KNOW how to grow real food.
3 0 • Reply • Share ›

kimmie taylor → tag
a day ago
Exactly, but those farmers are hard to find these days. It's easier and more profitable to grow vegetables and fruits with the use of synthetic fertilizers.
0 0 • Reply • Share ›

tag → kimmie taylor
19 hours ago
There are plenty of farmers that do it right online that ship. www.sevensons.com, my personal favorite, www.USWellness meats, Blackwing.com and Whiteoak farm. Search the Weston Price website for more. Many sources also for dairy, eggs, vegetables, fruit and grains that you won't find in your no real food grocery store. And yes I agree. Grow as much as you can for yourself , learn to can, freeze store and dry and get a few chickens. Mine dish up breakfast everyday. Even in the winter! Buy local and tell big Ag, with your dollars, to stuff it!
0 0 • Reply • Share ›

tag
4 days ago
How about recommending a clean healthy, non GMO, organic and pesticide free diet of REAL food? Are these idiots for real or just stroking their degree from a woke college of MIS INFORMATION garbage? When they run out of parents that have no clue who are they going to convince. NOT ME! Surgery? Drugs? Wake up idiots with your "facts" You are child abusers. Get a grip and for God's sake, get out of "medicine"
2 0 • Reply • Share ›

MontanaMuleGal
4 days ago
Here are a couple of alternative theories about obesity:

"Vaccines, not Diet, are Causing Epidemic of Obesity and Type 2 Diabetes According to New Paper from Classen Immunotherapies"

https://www.prnewswire.com/...

"Did Food Enrichment (a.k.a. adding iron) Cause The Obesity Epidemic?

https://medium.com/@rnikole...
2 0 • Reply • Share ›

Beatrice → MontanaMuleGal
3 days ago
Very interesting but I don't think we could blame any one thing for obesity since there are so many sources of endocrine disruptors and chemical compounds that combine with other chemical compounds in our bodies. Plus, add stress. The effects of stress hormones alone can contribute greatly to obesity and happy people tend to be thinner. Technology is another reason as it makes people mentally and physically inactive. Think about all the extra calories that don't get burned due to the convenience of pushing a button instead of using a key or getting up to turn the channel on the TV. School meals are some of the most unhealthy foods on the planet- sugar, sugar and more sugar. In the early 80's when Nutrisweet was introduced, people started gaining weight and then when people began consuming antidepressants like candy, same weight gain- both of them causing dysglycemia. Then in the 90's or early 2000's the Food Network influenced people's eating habits with all sorts of unnecessary additional ingredients. No doubt they were working for the food industry. We could sit here all day finding so many reasons for obesity.

It's just my opinion but if families would leave the technology at school or work and start engaging as a real family by working together to care for their home like mowing the lawn, cleaning and cooking together, I would bet a lot of the obesity would fall away and people would be a whole lot happier and healthier.
2 0 • Reply • Share ›

dopfa
4 days ago
"Eat Food, mostly plants, not too much." - Michael Pollan.
How can something so simple as eating real food, not pseudo food, be so convoluted? Oh yeah. Lust for dollars. I left the Christian religion decades ago, but still believe the old adage, "The love of money is the root of all kinds of evil." Like the evil of putting profit far above our children's health.
2 0 • Reply • Share ›

Dr. Dan
3 days ago
I can still remember the one afternoon shortly before I retired eight years ago from my pediatric practice. I saw three teenage boys who each weighed more than the 320 pounds that the old-fashioned scale could measure.
One of these boys sat on the exam table as I entered the room. His mother quickly warned me that they were in my office that day for his sore throat so that I "better not mention his weight" which had actually increased at least 10 pounds since his previous visit two weeks before. I proceeded to complete my exam and then I informed the mother that I could no longer continue seeing her son. I told her that with her "restrictions" on what would be discussed, I worried that she would be the type of parent who would ultimately sue me for not warning them about the dangers of such extreme obesity.
1 0 • Reply • Share ›

Beatrice → Dr. Dan
3 days ago
Yes, I've known several people just like that mother. They put us between a rock and a hard place and it's best to avoid them. They are toxic people who refuse to lead and only want to hold others accountable for their very own negligence.
1 0 • Reply • Share ›

mcwinaz
4 days ago
I just heard this on the news yesterday as well and was blown away to put it mildly. Yes, the AAP is a shill organization that can no longer be trusted, that's for sure. The fact that even Dr's interviewed in the TV news segment I watched only mentioned the drugs/surgery over diet, exercise, etc. is truly a sin.. Dr's, time to turn in your medical license now if you agree with this..
1 0 • Reply • Share ›

Donate Now
You make the difference.

Latest News

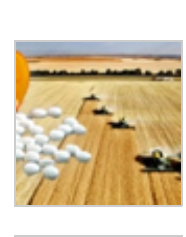
Prominent Cardiologist 'Truthbombs' Live BBC Broadcast, Calls for Suspension of mRNA Vaccines

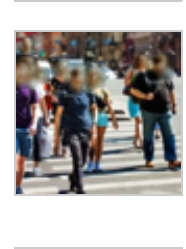
Exclusive: WHO Proposals Could Strip Nations of Their Sovereignty, Create Worldwide Totalitarian State, Expert Warns

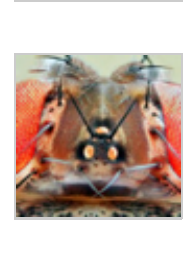
'Airtight Evidence' Exxon Knew for Decades How Much Damage Its Product Caused

MORE NEWS

Latest Views


How Big Pharma Benefits From Our Industrial Food Diet


Mass Surveillance Technologies Put in Place During Pandemic Aren't Going Away


Fake Meat Produced by Genetically Engineered Fruit Flies?

MORE VIEWS

Get FREE News & Updates!
First Name..
Last Name..
Email..
SIGN UP

Get Text Alerts
Sign up for breaking news from The Defender.
Currently only eligible for numbers in the U.S. and Canada.
1234567890
Phone
REQUIRED. Phone number must be in a standard 10-digit format: 1234567890 or 123-456-7890
CONTINUE

Leslie Taylor

3 days ago edited

MSNBC and other TV news programs report of 1 in 5 children are diagnosed as cronically obese and recommend that parents follow the advice of the American Academy of Pediatrics (AAP) of having their children's stomachs cut up to reduce stomach size and prescription drugs to lessen children's appetites.

see more

0 0 • Reply • Share ›

Depswa → Leslie Taylor

3 days ago

Also think of the foods most consume - It is not food, at all! GMO, says a larger portion of why Ami's are fat. Fluoride is also responsible; It has the potential to cause thyroid issues. Among other health impairments. Such as the burning out of one's third eye!

0 0 • Reply • Share ›

Dr. Dan

3 days ago

Speaking of pharmaceuticals for obesity, can we all remember the list of warnings of potential side effects when this medication first came out? "Oily rectal discharge" was the first. Could you honestly tell your obese teenage patients that they should be careful to avoid farting?!

0 0 • Reply • Share ›

Subscribe Privacy Do Not Sell My Data

Children's Health Defense

Children's Health Defense® is a 501(c)(3) non-profit organization. Its mission is to end childhood health epidemics by working aggressively to eliminate harmful exposures, hold those responsible accountable, and to establish safeguards to prevent future harm.

EN

SUBSCRIBE - IT'S FREE! BECOME A MEMBER MEMBER LOGIN

Donations are tax deductible to the full extent of the law. EIN #26-0388604

© 2016 - 2023 Children's Health Defense® • All Rights Reserved